July 7, 1993

Gene Hall Michigan Department of Natural Resources Knapp's Office Centre P.O. Box 30028 Lansing, MI 48909



RE:

Albion-Sheridan Township Landfill

Dear Gene:

Enclosed is a copy of the U.S. EPA Site Analysis of the Albion-Sheridan Township Landfill, January 1991. Included are the aerial photographs and their interpretation of them.

While these are extremely useful, please keep in mind that these are interpretations only and the individuals looking at the photos have not been to the site and were unable to field check their assessments. I have had these available for other sites and have discovered errors with their interpretations. One notable error with this site assessment is that they have not correctly identified the location of the site.

I also wanted to respond to a concern that Robert Delaney expressed during the June 30, 1993 meeting. I have reviewed the field notes with regard to the introduction of water during drilling of the landfill borings because of health and safety concerns.

Water was introduced only during the drilling of LF03. While drilling this boring, venting gases were encountered at 18 feet. Approximately 10 gallons of water was added through the augers at 18 feet. We continued drilling and continuous split spooning and added approximately 2 gallons of water every 2.5 feet.

Robert's concern was that the introduction of the water may affect the analytical results of the landfill waste boring samples. There were only two samples collected below the 18 foot depth: LF03B (20-22') and LF03C (34-36'). The laboratory reported moisture content of LF03B was 21% and the laboratory reported moisture content of LF03C was 12%. Laboratory reported moisture content of the other landfill boring samples collected without the introduction of water ranged from 8% to 16%.

I hope this information is useful for you.

Sincerely yours,

Elizabeth Bartz

Site Project Manager

cc: Mary Beth Novy

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